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Science, Innovation and Electronic Information Division

Provincial Distribution of Federal Expenditures and Personnel on Science and Technology, 1991-92 to 1999-2000

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PROVINCIAL DISTRIBUTION OF FEDERAL EXPENDITURES AND PERSONNEL ON SCIENCE AND TECHNOLOGY 1991-92 TO 1999-2000

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PREPARED BY:

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Symbols

-- amount too small to be expressed

- nil or zero

r revised figures

p preliminary figures

... figures not appropriate or not applicable

Note

Due to rounding of data, the tables may not add to the sum of their components.

Introduction

This document presents the geographical distribution of Federal Government expenditures on science and technology (S&T). The statistics presented in this report are supplements of data published in the Service Bulletin "Science Statistics" Vol. 25, No. 12, Catalogue 88-001XIB. S&T expenditures can be divided into R&D and RSA expenditures. In this document, there are two other divisions which can be applied to any expenditures. They are science type and intramural versus extramural expenditures. The terms "natural sciences" and "social sciences" are to be regarded as synonymous with "natural sciences and engineering" and "social sciences and humanities" respectively.

Included in this report are tables presenting expenditures and staff of federal government scientific establishments for the fiscal year 1999-2000.

In 1999-2000, the federal government spent a total of $6.3 billion on S&T. Of this amount, $3.7 billion, or 59%, was spent in the provinces and territories. The rest consists of categories of expenditures which are not distributed geographically. They are the following:

- All federal expenditures in the National Capital Region (NCR) for the performance of S&T in federal institutions (intramural S&T), whose expenditures were $1.9 billion;
- All payments abroad for S&T of $229 million; and
- Various other categories of federal expenditures which could not be assigned geographically, amounting to $383 million.

Expenditures and personnel for S&T performed by the federal government in the National Capital Region (NCR) are excluded from the provincial totals and are reported separately. The NCR is, in effect, treated as a separate entity, however, these data distributed geographically, are presented.

Estimates of S&T activities by region may be easily misunderstood. For example, the financial data are identified with the region of the physical location of an S&T unit. It would be wrong to assume all of the expenditures of a unit are spent in the region of location. Supplies and equipment can be purchased from other regions or countries. Furthermore, in cases such as the National Capital Region, labour moves freely between the two provinces so that even wages and salaries paid by a unit are partly spent outside the area of location.

We are grateful to the departments and agencies who completed our questionnaires. Without their co-operation a provincial representation such as this could not be prepared.

This report was prepared by **Jason Leonard** and **Lloyd Lizotte** under the direction of **Bert Plaus**, Chief, Science and Innovation Surveys Section.

Please forward any comments or questions regarding this report to:

Bert Plaus, Chief
Science and Innovation Surveys Section
Statistics Canada
Ottawa, Ontario
K1A 0T6

Telephone: (613) 951-6347

DEPARTMENT/PROGRAM NAMES AND ABBREVIATIONS

AGR	-	AGRICULTURE AND AGRI-FOOD CANADA
ACOA	-	ATLANTIC CANADA OPPORTUNITIES AGENCY
AECL	-	ATOMIC ENERGY OF CANADA LIMITED
BC	-	BANK OF CANADA
CCRA	-	CANADA CUSTOMS AND REVENUE AGENCY
CED(QUE)	-	CANADA ECONOMIC DEVELOPMENT (QUEBEC REGIONS)
CFI	-	CANADA FOUNDATION FOR INNOVATION
CMHC	-	CANADA MORTGAGE & HOUSING CORPORATION
CSTM	-	CANADA SCIENCE AND TECHNOLOGY MUSEUM
CCMD	-	CANADIAN CENTRE FOR MANAGEMENT DEVELOPMENT
CFIA	-	CANADIAN FOOD INSPECTION AGENCY
CHRC	-	CANADIAN HUMAN RIGHTS COMMISSION
CIHR	-	CANADIAN INSTITUTE OF HEALTH RESEARCH
CIDA	-	CANADIAN INTERNATIONAL DEVELOPMENT AGENCY
CMC	-	CANADIAN MUSEUM OF CIVILIZATION
CMN	-	CANADIAN MUSEUM OF NATURE
CNSC	-	CANADIAN NUCLEAR SAFETY COMMISSION
CSA	-	CANADIAN SPACE AGENCY
C&I	-	CITIZENSHIP AND IMMIGRATION
COL	-	COMMISSIONER OF OFFICIAL LANGUAGES
ENV	-	ENVIRONMENT
FIN	-	FINANCE
F&O	-	FISHERIES & OCEANS
FA&IT	-	FOREIGN AFFAIRS AND INTERNATIONAL TRADE
HC	-	HEALTH CANADA
HRDC	-	HUMAN RESOURCES DEVELOPMENT CANADA
IAND	-	INDIAN AFFAIRS & NORTHERN DEVELOPMENT
IND	-	INDUSTRY CANADA
IDRC	-	INTERNATIONAL DEVELOPMENT RESEARCH CENTRE
JUS	-	JUSTICE
NA	-	NATIONAL ARCHIVES
NDEF	-	NATIONAL DEFENCE
NEB	-	NATIONAL ENERGY BOARD
NFB	-	NATIONAL FILM BOARD
NGC	-	NATIONAL GALLERY OF CANADA

NL	-	NATIONAL LIBRARY
NRC	-	NATIONAL RESEARCH COUNCIL
NRCan	-	NATURAL RESOURCES CANADA
NSERC	-	NATURAL SCIENCES & ENGINEERING RESEARCH COUNCIL
PCA	-	PARKS CANADA AGENCY
PC	-	PRIVY COUNCIL
PSC	-	PUBLIC SERVICE COMMISSION
PW&GS	-	PUBLIC WORKS & GOVERNMENT SERVICES
RCMP	-	ROYAL CANADIAN MOUNTED POLICE
SSHRC	-	SOCIAL SCIENCES & HUMANITIES RESEARCH COUNCIL
SGEN	-	SOLICITOR GENERAL
STC	-	STATISTICS CANADA
TPT	-	TRANSPORT
TB	-	TREASURY BOARD
WEDO	-	WESTERN ECONOMIC DIVERSIFICATION OFFICE

S&T	-	Science and Technology (R&D + RSA = S&T)
R&D	-	Research and Development
RSA	-	Related Scientific Activities
NSE	-	Natural Sciences and Engineering
SSH	-	Social Sciences and Humanities
NCR	-	National Capital Region

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Statistical Tables

TABLE 1. Federal Expenditures on S&T, by Science, by Province and Territories and Sector of Performance, 1999-2000

Province and Territories	Federal government	Canadian business enterprises	Higher education	Other[1] Canadian performers	Total
		millions of dollars			
Total Sciences					
Newfoundland	56	10	17	4	87
Prince Edward Island	15	2	2	1	20
Nova Scotia	142	10	40	5	197
New Brunswick	48	8	11	4	71
Quebec	373	164	279	18	834
Ontario	523	285	408	134	1,350
Manitoba	110	14	31	6	161
Saskatchewan	82	11	29	9	131
Alberta	142	26	114	18	300
British Columbia	210	146	166	7	529
Yukon, N.W.T., and Nunavut	17	1	--	2	20
Canada (Excluding NCR)	**1,718**	**677**	**1,097**	**208**	**3,700**
National Capital Region*	1,940	...	...	...	1,940
Canada (Including NCR)	**3,658**	**677**	**1097**	**208**	**5,640**
Natural Sciences					
Newfoundland	53	10	15	3	81
Prince Edward Island	14	2	2	1	19
Nova Scotia	123	10	36	3	172
New Brunswick	47	8	10	3	68
Quebec	353	163	245	11	772
Ontario	509	280	354	97	1,240
Manitoba	103	13	28	3	147
Saskatchewan	79	11	28	7	125
Alberta	137	26	105	16	284
British Columbia	200	145	148	2	495
Yukon, N.W.T., and Nunavut	13	1	--	1	15
Canada (Excluding NCR)	**1,631**	**669**	**971**	**147**	**3,418**
National Capital Region*	1,017	...	...	...	1,017
Canada (Including NCR)	**2,648**	**669**	**971**	**147**	**4,435**
Social Sciences					
Newfoundland	3	--	2	1	6
Prince Edward Island	1	--	--	--	1
Nova Scotia	19	--	4	2	25
New Brunswick	1	--	1	1	3
Quebec	20	1	34	7	62
Ontario	14	5	54	37	110
Manitoba	7	1	3	3	14
Saskatchewan	3	--	1	2	6
Alberta	5	--	9	2	16
British Columbia	10	1	18	5	34
Yukon, N.W.T., and Nunavut	4	--	--	1	5
Canada (Excluding NCR)	**87**	**8**	**126**	**61**	**282**
National Capital Region*	923	...	...	...	923
Canada (Including NCR)	**1,010**	**8**	**126**	**61**	**1,205**

[1] *Includes Canadian non-profit institutions, provincial and municipal governments and other Canadian performers.*

* *Federal intramural expenditures only.*

TABLE 2. Federal Expenditures on R&D, by Science, by Province and Territories and Sector of Performance, 1999-2000

Province and Territories	Federal government	Canadian business enterprises	Higher education	Other[1] Canadian performers	Total
		millions of dollars			
Total Sciences					
Newfoundland	25	10	15	3	53
Prince Edward Island	12	2	2	1	17
Nova Scotia	72	10	36	2	120
New Brunswick	32	8	10	3	53
Quebec	249	158	252	12	671
Ontario	322	267	360	108	1,057
Manitoba	58	12	28	3	101
Saskatchewan	60	8	27	7	102
Alberta	108	25	104	12	249
British Columbia	106	142	149	3	400
Yukon, N.W.T., and Nunavut	7	..	..	1	8
Canada (Excluding NCR)	**1,051**	**642**	**983**	**155**	**2,831**
National Capital Region*	808	...	...	...	808
Canada (Including NCR)	**1,859**	**642**	**983**	**155**	**3,639**
Natural Sciences					
Newfoundland	25	10	13	3	51
Prince Edward Island	12	2	2	1	17
Nova Scotia	72	10	33	2	117
New Brunswick	32	8	9	3	52
Quebec	249	158	226	10	643
Ontario	322	267	327	93	1,009
Manitoba	58	12	25	2	97
Saskatchewan	60	8	26	7	101
Alberta	108	25	97	11	241
British Columbia	106	142	135	2	385
Yukon, N.W.T., and Nunavut	7	..	-	1	8
Canada (Excluding NCR)	**1,051**	**642**	**893**	**135**	**2,721**
National Capital Region*	723	...	...	...	723
Canada (Including NCR)	**1,774**	**642**	**893**	**135**	**3,444**
Social Sciences					
Newfoundland	-	..	2	..	2
Prince Edward Island	-	-	..	..	..
Nova Scotia	-	..	3	..	3
New Brunswick	-	-	1	..	1
Quebec	..	..	26	2	28
Ontario	..	..	33	15	48
Manitoba	-	..	3	1	4
Saskatchewan	-	..	1	..	1
Alberta	-	..	7	1	8
British Columbia	-	..	14	1	15
Yukon, N.W.T., and Nunavut	-	..	..	..	..
Canada (Excluding NCR)	..	..	**90**	**20**	**110**
National Capital Region*	85	...	...	...	85
Canada (Including NCR)	**85**	..	**90**	**20**	**195**

[1] *Includes Canadian non-profit institutions, provincial and municipal governments and other Canadian performers.*

* *Federal intramural expenditures only.*

TABLE 3. Federal Expenditures on S&T, by Province and Territories, 1992-93 to 1999-2000

Province and Territories	Year						
	1992-93	1994-95	1995-96	1996-97	1997-98	1998-99[r]	1999-2000
	millions of dollars						
Total Sciences							
Newfoundland	87	93	87	75	67	86	87
Prince Edward Island	15	21	16	15	12	17	20
Nova Scotia	201	191	188	186	163	200	197
New Brunswick	82	79	76	62	60	75	71
Quebec	836	808	764	789	755	788	834
Ontario	1,107	1,122	1,034	1,036	1,098	1,143	1,350
Manitoba	173	172	166	166	136	136	161
Saskatchewan	98	99	100	87	110	122	131
Alberta	263	230	237	230	230	254	300
British Columbia	390	402	366	332	354	446	529
Yukon, N.W.T., and Nunavut	24	22	13	16	15	15	20
Canada (Excluding NCR)	**3,276**	**3,239**	**3,047**	**2,994**	**3,000**	**3,282**	**3,700**
National Capital Region*	1,599	1,722	1,759	1,796	1,658	1,942	1,940
Canada (Including NCR)	**4,875**	**4,961**	**4,806**	**4,790**	**4,658**	**5,224**	**5,640**
Natural Sciences							
Newfoundland	80	87	82	69	61	79	81
Prince Edward Island	14	20	15	15	12	17	19
Nova Scotia	173	168	161	159	139	172	172
New Brunswick	78	76	73	58	56	71	68
Quebec	776	750	704	729	702	734	772
Ontario	997	1,023	930	930	995	1,035	1,240
Manitoba	157	158	153	155	124	122	147
Saskatchewan	90	93	95	82	105	166	125
Alberta	246	215	219	211	215	238	284
British Columbia	351	360	330	302	322	419	495
Yukon, N.W.T., and Nunavut	17	17	7	9	10	9	15
Canada (Excluding NCR)	**2,979**	**2,968**	**2,769**	**2,719**	**2,742**	**3,012**	**3,418**
National Capital Region*	910	1,014	1,010	933	896	1,046	1,017
Canada (Including NCR)	**3,889**	**3,982**	**3,780**	**3,652**	**3,638**	**4,058**	**4,435**

* *Federal intramural expenditures only*

TABLE 4. Federal Expenditures on R&D, by Province and Territories, 1992-93 to 1999-2000

Province and Territories	Year						
	1992-93	1994-95	1995-96	1996-97	1997-98	1998-99[r]	1999-2000
	millions of dollars						
Total Sciences							
Newfoundland	55	64	55	43	38	47	53
Prince Edward Island	13	18	15	13	11	16	17
Nova Scotia	130	126	117	115	101	120	120
New Brunswick	62	67	56	45	43	55	53
Quebec	701	677	639	647	621	629	671
Ontario	870	905	838	848	890	935	1,057
Manitoba	120	120	126	107	88	85	101
Saskatchewan	84	79	79	69	88	86	102
Alberta	187	184	191	180	185	204	249
British Columbia	297	314	276	241	255	334	400
Yukon, N.W.T., and Nunavut	4	7	2	6	5	4	8
Canada (Excluding NCR)	**2,523**	**2,561**	**2,394**	**2,315**	**2,326**	**2,515**	**2,831**
National Capital Region*	699	730	741	697	695	812	808
Canada (Including NCR)	**3,222**	**3,291**	**3,135**	**3,012**	**3,021**	**3,327**	**3,639**
Natural Sciences							
Newfoundland	54	62	54	43	37	46	51
Prince Edward Island	12	18	15	13	11	15	17
Nova Scotia	126	122	114	112	98	117	117
New Brunswick	61	66	55	44	42	54	52
Quebec	671	648	612	624	599	608	643
Ontario	829	864	796	806	851	882	1,009
Manitoba	116	115	123	105	85	82	97
Saskatchewan	81	77	78	68	87	85	101
Alberta	181	178	185	174	179	198	241
British Columbia	273	287	255	228	244	322	385
Yukon, N.W.T., and Nunavut	4	7	2	6	5	4	8
Canada (Excluding NCR)	**2,408**	**2,444**	**2,289**	**2,222**	**2,238**	**2,413**	**2,721**
National Capital Region*	654	684	696	644	640	736	723
Canada (Including NCR)	**3,062**	**3,128**	**2,985**	**2,866**	**2,878**	**3,149**	**3,444**

* *Federal intramural expenditures only*

TABLE 5. Federal Expenditures on Intramural S&T, by Province and Territories, 1991-92 to 1999-2000

Province and Territories	Year							
	1991-92	1992-93	1994-95	1995-96	1996-97	1997-98	1998-99'	1999-2000
			millions of dollars					
Total Sciences								
Newfoundland	71	58	58	52	51	44	57	56
Prince Edward Island	11	10	13	10	9	9	11	15
Nova Scotia	149	142	139	137	140	122	152	142
New Brunswick	50	49	36	46	44	41	50	48
Quebec	303	311	308	296	314	296	350	373
Ontario	392	384	359	348	434	402	398	523
Manitoba	121	117	119	116	120	94	92	110
Saskatchewan	61	59	59	65	55	82	84	82
Alberta	147	145	117	126	123	119	129	142
British Columbia	162	159	138	159	146	152	176	210
Yukon, N.W.T., and Nunavut	17	19	19	10	14	13	14	17
Canada (Excluding NCR)	**1,484**	**1,453**	**1,365**	**1,365**	**1,449**	**1,374**	**1,513**	**1,718**
National Capital Region*	1,691	1,599	1,722	1,759	1,796	1,658	1,942	1,940
Canada (Including NCR)	**3,175**	**3,052**	**3,087**	**3,124**	**3,246**	**3,032**	**3,455**	**3,658**
Natural Sciences								
Newfoundland	63	53	54	49	46	40	53	53
Prince Edward Island	11	9	13	9	9	9	11	14
Nova Scotia	127	121	121	115	117	102	129	123
New Brunswick	47	46	35	44	42	39	49	47
Quebec	270	288	288	272	288	275	327	353
Ontario	359	366	344	327	410	387	384	509
Manitoba	111	107	111	109	113	87	84	103
Saskatchewan	57	54	56	61	52	79	80	79
Alberta	130	136	111	118	112	114	122	137
British Columbia	145	148	130	148	133	144	166	200
Yukon, N.W.T., and Nunavut	13	14	14	5	8	9	8	13
Canada (Excluding NCR)	**1,333**	**1,343**	**1,278**	**1,257**	**1,330**	**1,285**	**1,413**	**1,631**
National Capital Region*	899	910	1,014	1,010	933	896	1,046	1,017
Canada (Including NCR)	**2,232**	**2,253**	**2,292**	**2,267**	**2,263**	**2,181**	**2,459**	**2,648**

* *Federal intramural expenditures only*

TABLE 6. Federal Expenditures on Intramural R&D, by Province and Territories, 1991-92 to 1999-2000

Province and Territories	Year							
	1991-92	1992-93	1994-95	1995-96	1996-97	1997-98	1998-99[r]	1999-2000
	millions of dollars							
Total Sciences								
Newfoundland	30	30	31	26	24	21	26	25
Prince Edward Island	9	8	10	8	8	8	10	12
Nova Scotia	86	77	79	71	73	64	77	72
New Brunswick	32	32	26	27	29	26	31	32
Quebec	191	207	212	203	207	193	226	249
Ontario	217	236	238	241	328	280	276	322
Manitoba	83	70	75	68	69	53	48	58
Saskatchewan	44	49	44	47	42	66	54	60
Alberta	85	84	86	90	84	85	94	108
British Columbia	93	84	98	75	71	76	85	106
Yukon, N.W.T., and Nunavut	--	1	7	1	5	4	4	7
Canada (Excluding NCR)	**871**	**878**	**906**	**857**	**939**	**878**	**931**	**1,051**
National Capital Region*	694	699	730	741	697	695	812	808
Canada (Including NCR)	**1,565**	**1,577**	**1,636**	**1,598**	**1,636**	**1,573**	**1,743**	**1,859**
Natural Sciences								
Newfoundland	30	30	31	26	24	21	26	25
Prince Edward Island	9	8	10	8	8	8	10	12
Nova Scotia	86	77	79	71	73	64	77	72
New Brunswick	32	31	26	27	29	26	31	32
Quebec	190	207	211	202	206	193	226	249
Ontario	215	234	236	239	328	280	276	322
Manitoba	82	70	75	68	69	53	48	58
Saskatchewan	44	48	44	47	42	66	54	60
Alberta	85	84	86	90	84	85	94	108
British Columbia	93	84	98	75	71	76	85	106
Yukon, N.W.T., and Nunavut	--	1	7	1	5	4	4	7
Canada (Excluding NCR)	**867**	**874**	**903**	**854**	**938**	**877**	**931**	**1,051**
National Capital Region*	637	654	684	696	644	640	736	723
Canada (Including NCR)	**1,504**	**1,528**	**1,587**	**1,550**	**1,582**	**1,517**	**1,667**	**1,774**

* *Federal intramural expenditures only*

TABLE 7. Federal Expenditures on Extramural S&T, by Province and Territories, 1992-93 to 1999-2000

Province and Territories	Year						
	1992-93	1994-95	1995-96	1996-97	1997-98	1998-99	1999-2000
	millions of dollars						
Total Sciences							
Newfoundland	28	36	35	24	23	28	31
Prince Edward Island	5	8	6	6	3	6	5
Nova Scotia	59	52	51	46	41	48	55
New Brunswick	34	43	31	18	19	25	23
Quebec	525	500	468	475	459	438	461
Ontario	723	763	685	602	696	745	827
Manitoba	56	53	50	46	43	44	51
Saskatchewan	39	39	36	32	28	38	49
Alberta	118	113	111	107	111	125	158
British Columbia	231	234	206	186	201	270	319
Yukon, N.W.T., and Nunavut	5	3	3	2	2	1	3
Canada	**1,823**	**1,845**	**1,682**	**1,544**	**1,626**	**1,769**	**1,982**
Natural Sciences							
Newfoundland	27	34	33	23	21	26	28
Prince Edward Island	5	8	6	6	3	6	5
Nova Scotia	53	47	46	42	37	43	49
New Brunswick	31	41	29	16	17	23	21
Quebec	489	463	432	441	427	406	419
Ontario	630	679	604	520	608	651	731
Manitoba	50	47	45	42	37	38	44
Saskatchewan	36	37	34	30	26	36	46
Alberta	110	104	101	99	101	116	147
British Columbia	202	200	182	169	178	253	295
Yukon, N.W.T., and Nunavut	3	3	2	1	1	1	2
Canada	**1,636**	**1,662**	**1,514**	**1,388**	**1,457**	**1,599**	**1,787**

TABLE 8. Federal Expenditures on Extramural R&D, by Province and Territories, 1992-93 to 1999-2000

Province and Territories	Year						
	1992-93	1994-95	1995-96	1996-97	1997-98	1998-99	1999-2000
	millions of dollars						
Total Sciences							
Newfoundland	25	33	29	19	17	21	28
Prince Edward Island	4	8	6	6	2	5	5
Nova Scotia	53	47	45	42	37	43	48
New Brunswick	31	41	29	16	17	24	21
Quebec	493	465	437	440	428	403	422
Ontario	634	668	598	519	610	659	735
Manitoba	50	45	44	38	36	37	43
Saskatchewan	35	35	32	27	22	32	42
Alberta	98	98	100	96	100	110	141
British Columbia	213	216	190	170	179	249	294
Yukon, N.W.T., and Nunavut	2	--	1	1	--	--	1
Canada	**1,638**	**1,656**	**1,512**	**1,376**	**1,448**	**1,584**	**1,780**
Natural Sciences							
Newfoundland	24	31	28	18	16	20	26
Prince Edward Island	4	8	6	6	2	5	5
Nova Scotia	49	43	42	39	34	40	45
New Brunswick	29	40	28	15	16	23	20
Quebec	465	437	411	418	406	382	394
Ontario	595	629	558	477	571	606	687
Manitoba	46	40	41	36	33	34	39
Saskatchewan	33	33	31	26	21	31	41
Alberta	91	92	94	90	94	104	133
British Columbia	189	189	169	157	168	237	279
Yukon, N.W.T., and Nunavut	2	--	1	1	--	--	1
Canada	**1,527**	**1,542**	**1,410**	**1,284**	**1,362**	**1,482**	**1,670**

TABLE 9. Federal Government R&D Payments to Canadian Industry, by Province and Territories, 1992-93 to 1999-2000

Province and Territories	Year						
	1992-93	1994-95	1995-96	1996-97	1997-98	1998-99	1999-2000
	millions of dollars						
Total Sciences							
Newfoundland	13	8	7	6	6	9	10
Prince Edward Island	3	3	2	2	2	4	2
Nova Scotia	16	17	15	15	16	10	10
New Brunswick	19	27	14	3	8	9	8
Quebec	264	229	211	209	226	176	158
Ontario	318	341	283	215	328	312	267
Manitoba	20	17	18	11	11	10	12
Saskatchewan	10	9	12	6	6	8	8
Alberta	22	18	23	20	24	21	25
British Columbia	60	59	47	48	58	117	142
Yukon, N.W.T., and Nunavut	--	--	--	--	--	--	--
Canada	**745**	**728**	**633**	**535**	**685**	**676**	**642**
Natural Sciences							
Newfoundland	13	8	7	6	6	9	9
Prince Edward Island	3	3	2	2	2	4	2
Nova Scotia	16	17	15	15	16	10	10
New Brunswick	19	27	14	3	8	9	8
Quebec	263	229	211	209	226	176	158
Ontario	314	340	282	213	327	311	267
Manitoba	20	16	17	11	11	10	12
Saskatchewan	10	9	12	6	6	8	8
Alberta	22	18	23	20	24	21	25
British Columbia	60	59	47	48	58	117	142
Yukon, N.W.T., and Nunavut	--	--	--	--	--	--	--
Canada	**740**	**726**	**631**	**533**	**684**	**675**	**641**

TABLE 10. Federal Government R&D Payments to Canadian Universities, by Province and Territories, 1992-93 to 1999-2000

Province and Territories	Year						
	1992-93	1994-95	1995-96	1996-97	1997-98	1998-99	1999-2000
	millions of dollars						
Total Sciences							
Newfoundland	11	9	9	8	9	10	15
Prince Edward Island	1	1	1	1	1	1	2
Nova Scotia	34	24	23	20	20	23	36
New Brunswick	9	8	8	7	7	11	10
Quebec	211	225	206	205	185	209	252
Ontario	285	292	276	257	246	292	360
Manitoba	23	25	23	21	20	23	28
Saskatchewan	18	20	17	19	14	22	27
Alberta	71	74	73	74	73	85	104
British Columbia	137	137	131	120	120	131	149
Yukon, N.W.T., and Nunavut	--	--	--	--	--	--	--
Canada	**800**	**815**	**768**	**733**	**695**	**807**	**983**
Natural Sciences							
Newfoundland	10	8	8	7	9	9	13
Prince Edward Island	1	1	1	1	1	1	2
Nova Scotia	32	21	21	18	18	21	33
New Brunswick	8	7	7	6	7	10	9
Quebec	186	199	183	184	164	190	226
Ontario	258	264	248	234	221	267	327
Manitoba	20	22	21	19	19	21	25
Saskatchewan	17	19	16	18	13	21	26
Alberta	66	69	68	68	67	80	97
British Columbia	126	128	121	108	110	120	135
Yukon, N.W.T., and Nunavut	-	-	--	--	--	--	--
Canada	**724**	**738**	**695**	**665**	**629**	**740**	**893**

TABLE 11. Federal Expenditures on Extramural S&T, by Science, Activity and by Province and Territories, 1999-2000

Science/Activity	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon, N.W.T., & Nvt.	Canada
						millions of dollars						
TOTAL SCIENCES												
R&D												
Grants	28	4	44	21	394	585	35	37	133	198	1	1,480
Contracts	--	1	4	--	28	150	8	5	8	96	--	300
Total	**28**	**5**	**48**	**21**	**422**	**735**	**43**	**42**	**141**	**294**	**1**	**1,780**
S&T												
Grants	30	5	50	22	425	655	42	41	148	219	2	1,639
Contracts	1	--	5	1	36	172	9	8	10	100	1	343
Total	**31**	**5**	**55**	**23**	**461**	**827**	**51**	**49**	**158**	**319**	**3**	**1,982**
NATURAL SCIENCES												
R&D												
Grants	25	4	41	19	366	537	31	36	125	183	1	1,368
Contracts	1	1	4	1	28	150	8	5	8	96	--	302
Total	**26**	**5**	**45**	**20**	**394**	**687**	**39**	**41**	**133**	**279**	**1**	**1,670**
S&T												
Grants	27	4	44	20	385	567	35	38	137	197	2	1,456
Contracts	1	1	5	1	34	164	9	8	10	98	--	331
Total	**28**	**5**	**49**	**21**	**419**	**731**	**44**	**46**	**147**	**295**	**2**	**1,787**
SOCIAL SCIENCES												
R&D												
Grants	2	--	3	1	28	48	4	1	8	15	--	110
Contracts	--	-	--	--	--	--	--	--	--	--	--	--
Total	**2**	**--**	**3**	**1**	**28**	**48**	**4**	**1**	**8**	**15**	**--**	**110**
S&T												
Grants	3	--	6	2	40	89	6	3	11	23	--	183
Contracts	--	--	--	--	2	7	1	--	--	1	1	12
Total	**3**	**--**	**6**	**2**	**42**	**96**	**7**	**3**	**11**	**24**	**1**	**195**

TABLE 12. Federal Expenditures on Extramural S&T, by Department or Agency and by Province and Territories, 1999-2000

Department or Agency	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon, N.W.T., & Nvt.	Canada
						millions of dollars						
ACOA	8	1	10	5	--	1	-	-	-	--	-	25
CED(QUE)	-	-	-	-	10	-	-	-	-	-	-	10
CIHR	2	--	7	--	88	120	9	3	36	25	-	290
CSA	--	-	--	--	14	102	6	4	3	88	-	217
ENV	--	--	--	--	5	74	1	3	6	5	--	94
F&O	--	-	1	--	--	--	-	-	-	1	-	2
FA&IT	-	-	--	-	1	11	--	-	-	--	-	12
HC	--	--	1	--	5	8	2	1	1	5	--	23
HRDC	--	--	1	1	4	23	2	1	1	2	--	35
IND	1	-	-	--	87	83	--	--	3	21	-	195
NDEF	--	-	4	-	8	29	1	--	4	3	-	49
NRC	3	2	4	5	22	31	4	4	11	48	1	135
NRCan	1	--	--	1	21	25	1	4	3	14	--	70
NSERC	10	1	17	7	123	193	13	14	53	75	-	506
SSHRC	2	--	3	1	31	45	3	1	8	17	-	111
TPT	--	--	--	--	4	4	--	--	--	--	-	8
WEDO	-	-	-	-	-	-	3	5	11	4	-	23
Other	4	1	7	3	38	78	6	9	18	11	2	177
TOTAL	**31**	**5**	**55**	**23**	**461**	**827**	**51**	**49**	**158**	**319**	**3**	**1,982**

TABLE 13. Federal Expenditures on Extramural R&D, by Department or Agency and by Province and Territories, 1999-2000

Department or Agency	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon, N.W.T., & Nvt.	Canada
						millions of dollars						
ACOA	8	1	10	5	--	1	-	-	-	--	-	25
CED (QUE)	-	-	-	-	10	-	-	-	-	-	-	10
CIHR	2	--	6	--	85	115	8	3	35	24	-	278
CSA	--	-	--	--	14	102	6	4	3	88	-	217
ENV	-	-	-	-	1	65	--	--	2	3	-	71
F&O	--	-	--	-	-	-	-	-	-	--	-	--
HC	--	--	--	--	2	4	--	--	--	1	--	7
HRDC	--	--	--	--	1	11	--	--	1	1	-	14
IND	1	-	-	--	87	83	--	--	3	21	-	195
NDEF	--	-	4	-	8	29	1	--	4	3	-	49
NRC	3	2	4	5	22	31	4	4	11	48	1	135
NRCan	1	--	--	1	20	21	1	3	3	14	--	64
NSERC	9	1	15	7	108	172	12	12	46	66	--	448
SSHRC	2	--	3	1	24	32	2	1	7	13	-	85
TPT	--	-	--	--	3	4	--	--	--	--	-	7
WEDO	-	-	-	-	-	-	3	5	11	3	-	22
Other	2	1	6	2	37	65	6	10	15	9	-	153
TOTAL	**28**	**5**	**48**	**21**	**422**	**735**	**43**	**42**	**141**	**294**	**1**	**1,780**

TABLE 14. Federal Government Grants and Contracts to Canadian Industry for R&D in the Natural Sciences, by Province and Territories, 1999-2000

Department or Agency /Program	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man	Sask.	Alta.	B.C.	Yukon, N.W.T., & Nvt.	Canada
						millions of dollars						
A. Grants												
ACOA	6.3	0.1	2.9	3.5	-	0.9	-	-	-	-	-	13.7
CED(QUE)	-	-	-	-	5.2	-	-	-	-	-	-	5.2
IND:												
TOP	-	-	-	-	0.5	0.5	-	-	-	-	-	1.0
TPC	0.5	-	-	0.2	86.8	52.3	-	-	2.7	20.7	-	163.2
Other	-	-	-	-	--	26.5	--	--	-	-	-	26.5
Total	**0.5**	**-**	**-**	**0.2**	**87.3**	**79.3**	**--**	**--**	**2.7**	**20.7**	**-**	**190.7**
NRC:												
IRAP	2.4	1.5	3.2	3.8	19.5	28.5	3.3	2.8	9.9	13.5	0.4	88.8
Total	**2.4**	**1.5**	**3.2**	**3.8**	**19.5**	**28.5**	**3.3**	**2.8**	**9.9**	**13.5**	**0.4**	**88.8**
WEDO	-	-	-	-	-	-	1.3	1.0	4.9	3.3	-	10.5
Other	0.1	-	0.1	0.2	20.6	15.8	0.1	0.2	1.7	10.6	-	49.4
Total	**9.3**	**1.8**	**6.2**	**7.7**	**132.8**	**124.5**	**4.7**	**4.0**	**19.2**	**48.1**	**0.4**	**358.3**
% of Grants	2.6	0.5	1.7	2.2	37.0	34.7	1.3	1.1	5.4	13.4	0.1	100.0
B. Contracts												
CSA	-	-	-	0.1	12.4	99.4	5.7	4.0	0.7	87.1	-	209.4
NDEF	0.1	-	3.4	-	7.6	27.5	1.3	0.1	4.0	3.0	-	47.0
NRCan	--	0.4	-	0.1	1.2	5.2	0.3	-	0.4	3.2	-	10.8
Other	0.2	0.1	0.1	0.1	4.0	10.0	0.6	0.1	0.3	0.4	--	15.9
Total	**0.3**	**0.5**	**3.5**	**0.3**	**25.2**	**142.1**	**7.9**	**4.2**	**5.4**	**93.7**	**--**	**283.1**
% of Contracts	0.1	0.2	1.2	0.1	8.9	50.2	2.8	1.5	1.9	33.1	-	100.0
Total, Grants and Contracts	**9.6**	**2.1**	**9.7**	**8.0**	**157.8**	**266.6**	**12.6**	**8.2**	**24.6**	**141.8**	**0.4**	**641.4**
% of Total	1.5	0.3	1.5	1.2	24.6	41.6	2.0	1.3	3.8	22.1	0.1	100.0

TABLE 15. Intramural Expenditures of Federal Scientific Establishments, by Science, Activity and by Province and Territories, 1999-2000

Province and Territories	Natural Sciences		Social Sciences		Total Sciences	
	R&D	S&T	R&D	S&T	R&D	S&T
			millions of dollars			
Newfoundland	25	53	-	3	25	56
Prince Edward Island	12	14	-	1	12	15
Nova Scotia	72	123	-	19	72	142
New Brunswick	32	47	-	1	32	48
Quebec	249	353	--	20	249	373
Ontario	322	509	--	14	322	523
Manitoba	58	103	-	7	58	110
Saskatchewan	60	79	-	3	60	82
Alberta	108	137	-	5	108	142
British Columbia	106	200	-	10	106	210
Yukon, N.W.T., and Nunavut	7	13	-	4	7	17
Canada (Excluding NCR)	**1,051**	**1,631**	**--**	**87**	**1,051**	**1,718**
National Capital Region	**723**	**1,017**	**85**	**923**	**808**	**1,940**
Quebec	27	122	6	122	33	244
Ontario	696	895	79	801	775	1,696
Canada (Including NCR)	**1,774**	**2,648**	**85**	**1,010**	**1,859**	**3,658**

TABLE 16. Intramural Expenditures of Federal Scientific Establishments, by Department or Agency, Activity and by Province and Territories, 1999-2000

Department or Agency	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon, N.W.T., & Nvt.	Canada	NCR
						millions of dollars							
S&T													
AGR	3	10	6	12	60	49	37	41	47	27	-	292	74
AECL	-	-	-	-	-	112	9	-	-	-	-	121	2
CSA	-	-	-	-	42	-	-	-	-	-	-	42	13
ENV	3	--	14	5	73	149	24	19	20	40	4	351	67
F&O	36	3	55	17	31	20	18	-	-	74	3	257	21
HC	--	-	2	--	7	91	2	--	--	5	-	107	102
NDEF	-	-	24	-	49	33	-	-	24	1	-	131	63
NRC	8	--	12	--	52	13	11	14	1	22	-	133	321
NRCan	2	-	10	12	32	40	--	1	35	27	6	165	179
STC	-	-	5	-	5	8	1	--	4	4	-	27	433
Other	4	2	14	2	22	8	8	7	11	10	4	92	665
TOTAL	**56**	**15**	**142**	**48**	**373**	**523**	**110**	**82**	**142**	**210**	**17**	**1,718**	**1,940**
R&D													
AGR	3	10	6	12	60	49	30	41	47	27	-	285	66
AECL	-	-	-	-	-	112	9	-	-	-	-	121	2
CSA	-	-	-	-	42	-	-	-	-	-	-	42	9
ENV	1	--	3	1	16	57	3	5	2	8	--	96	19
F&O	14	1	21	6	12	8	7	-	-	29	1	99	8
NDEF	-	-	23	-	48	33	-	-	24	-	-	128	44
NRC	5	-	9	-	39	8	8	12	-	16	-	97	291
NRCan	2	-	10	12	25	32	--	--	34	26	6	147	160
Other	-	1	-	1	7	23	1	2	1	-	-	36	209
TOTAL	**25**	**12**	**72**	**32**	**249**	**322**	**58**	**60**	**108**	**106**	**7**	**1,051**	**808**

TABLE 17. Intramural Expenditures of Federal Scientific Establishments Performing Natural Science Activities, by Department or Agency, Activity and by Province and Territories, 1999-2000

Department or Agency	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon, N.W.T., & Nvt.	Canada	NCR
						millions of dollars							
S&T													
AGR	3	10	6	12	60	49	37	41	47	27	-	292	67
AECL	-	-	-	-	-	112	9	-	-	-	-	121	2
CSA	-	-	-	-	42	-	-	-	-	-	-	42	13
ENV	3	--	14	5	71	149	24	19	20	40	4	349	65
F&O	35	3	54	16	30	20	17	-	-	72	3	250	19
HC	--	-	2	--	7	91	2	--	--	5	-	107	100
NDEF	-	-	24	-	49	33	-	-	24	1	-	131	51
NRC	8	--	12	--	52	13	11	14	1	22	-	133	321
NRCan	2	-	10	12	32	40	--	1	35	27	6	165	179
Other	2	1	1	2	10	2	3	4	10	6	-	41	200
TOTAL	**53**	**14**	**123**	**47**	**353**	**509**	**103**	**79**	**137**	**200**	**13**	**1,631**	**1,017**
R&D													
AGR	3	10	6	12	60	49	30	41	47	27	-	285	66
AECL	-	-	-	-	-	112	9	-	-	-	-	121	2
CSA	-	-	-	-	42	-	-	-	-	-	-	42	9
ENV	1	--	3	1	15	57	3	5	2	8	--	95	19
F&O	14	1	21	6	12	8	7	-	-	29	1	99	8
HC	-	-	-	-	--	23	-	-	-	--	-	23	19
NDEF	-	-	23	-	48	33	-	-	24	-	-	128	42
NRC	5	-	9	-	39	8	8	12	-	16	-	97	291
NRCan	2	-	10	12	25	32	--	--	34	26	6	147	160
Other	-	1	-	1	8	-	1	2	1	-	-	14	107
TOTAL	**25**	**12**	**72**	**32**	**249**	**322**	**58**	**60**	**108**	**106**	**7**	**1,051**	**723**

TABLE 18. Personnel of Federal Establishments Performing S&T Activities, by Science, Activity, Category and by Province and Territories, 1999-2000

Science/ Activity/ Category	Nfld.	P.E.I.	N.S.	N.B.	Que.*	Ont.*	Man.	Sask.	Alta.	B.C.	Yukon, N.W.T., & Nvt.	Sub-Total	NCR	Total
						person-years								
TOTAL SCIENCES														
R&D S&P	91	26	260	95	837	1,256	174	180	305	356	4	3,584	2,434	6,018
TOTAL (R&D)	**215**	**90**	**609**	**250**	**1,924**	**2,643**	**436**	**488**	**731**	**797**	**13**	**8,196**	**5,884**	**14,080**
S&T S&P	222	39	548	186	1,231	1,943	346	231	451	725	45	5,967	6,175	12,142
TOTAL (S&T)	**504**	**119**	**1,291**	**424**	**2,914**	**4,073**	**865**	**668**	**1,077**	**1,724**	**117**	**13,776**	**16,935**	**30,711**
NATURAL SCIENCES														
R&D S&P	91	26	260	95	835	1,255	174	180	305	356	4	3,581	2,168	5,749
TOTAL (R&D)	**215**	**90**	**609**	**250**	**1,920**	**2,642**	**436**	**488**	**731**	**797**	**13**	**8,191**	**5,306**	**13,497**
S&T S&P	209	37	518	183	1,189	1,919	329	227	440	703	40	5,794	3,211	9,005
TOTAL (S&T)	**460**	**111**	**1,113**	**411**	**2,733**	**3,936**	**798**	**644**	**1,013**	**1,631**	**86**	**12,936**	**7,837**	**20,773**
SOCIAL SCIENCES														
R&D S&P	-	-	-	-	2	1	-	-	-	-	-	3	266	269
TOTAL (R&D)	-	-	-	-	**4**	**1**	-	-	-	-	-	**5**	**578**	**583**
S&T S&P	13	2	30	4	41	24	17	4	10	22	6	173	2,964	3,137
TOTAL (S&T)	**44**	**8**	**178**	**13**	**181**	**137**	**67**	**24**	**64**	**93**	**31**	**840**	**9,098**	**9,938**

* *Excluding the National Capital Region*

TABLE 19. Personnel of Federal Establishments Performing S&T Activities, by Department or Agency and by Province and Territories, 1999-2000

Department or Agency	Nfld.	P.E.I.	N.S.	N.B.	Que.*	Ont.*	Man.	Sask.	Alta.	B.C.	Yukon, N.W.T., & Nvt.	Sub-Total	NCR	Total
							person-years[1]							
AGR	23	68	38	79	408	336	265	294	323	192	-	2,026	520	2,546
ACOA	-	-	-	7	-	-	-	-	-	-	-	7	-	7
AECL	-	-	-	-	-	1,090	70	-	-	-	-	1,160	10	1,170
BC	-	-	-	-	6	9	-	-	-	-	-	15	191	206
CCRA	2	-	-	-	9	6	9	-	-	4	-	30	102	132
CED(QUE)	-	-	-	-	18	-	-	-	-	-	-	18	-	18
CMHC	-	-	4	–	10	14	-	–	7	10	-	45	76	121
CSTM	-	-	-	-	-	-	-	-	-	-	-	-	244	244
CFIA	14	12	30	10	46	15	8	59	41	31	-	266	139	405
CIHR	-	-	-	-	-	-	-	-	-	-	-	-	91	91
CIDA	-	-	-	-	-	-	-	-	-	-	-	-	211	211
CMC	-	-	-	-	-	-	-	-	-	-	-	-	437	437
CMN	-	-	-	-	-	-	-	-	-	-	-	-	154	154
CNSC	-	-	-	-	-	-	-	-	-	-	-	-	8	8
CSA	-	-	-	-	327	-	-	-	-	-	-	327	50	377
COL	-	-	-	-	-	-	-	-	-	-	-	-	8	8
ENV	36	3	166	65	459	944	168	135	159	349	53	2,537	464	3,001
FA&IT	-	-	-	-	-	-	-	-	-	-	-	-	74	74
FIN	-	-	-	-	-	-	-	-	-	-	-	-	267	267
F&O	305	27	446	138	250	162	140	-	-	588	21	2,077	180	2,257
HC	1	-	26	2	125	765	38	2	1	82	-	1,042	869	1,911
HRDC	-	-	-	-	-	-	-	-	-	-	-	-	428	428
IAND	-	-	-	-	-	-	-	-	-	-	-	-	6	6
IND	-	-	-	-	-	-	-	-	-	-	-	-	987	987
IDRC	-	-	-	-	-	-	-	-	-	-	-	-	177	177
JUS	-	-	-	-	-	-	-	-	-	-	-	-	37	37
NA	-	-	-	-	-	-	-	-	-	-	-	-	380	380
NDEF	-	-	240	-	372	226	-	-	152	3	-	993	567	1,560
NEB	-	-	-	-	-	-	-	-	12	-	-	12	-	12
NGC	-	-	-	-	-	-	-	-	-	-	-	-	250	250
NL	-	-	-	-	-	-	-	-	-	-	-	-	431	431
NRC	78	1	89	3	440	70	101	144	20	163	-	1,109	2,201	3,310
NRCan	22	-	87	109	283	317	-	3	255	206	4	1,286	1,521	2,807
NSERC	-	-	-	-	-	-	-	-	-	-	-	-	230	230
PCA	23	8	108	11	81	34	49	26	55	46	39	480	109	589
PW&GS	-	-	-	-	-	-	-	-	-	-	-	-	40	40
SSHRC	-	-	-	-	-	-	-	-	-	-	-	-	123	123
SGEN	-	-	-	-	-	-	-	-	-	-	-	-	35	35
STC	-	-	57	-	60	85	15	4	50	49	-	320	4,776	5,096
TPT	-	-	-	-	18	-	-	-	-	-	-	18	27	45
TB	-	-	-	-	-	-	-	-	-	-	-	-	375	375
WEDO	-	-	-	-	-	-	2	1	2	1	-	6	-	6
Other	-	-	-	-	2	-	-	-	-	-	-	2	140	142
TOTAL	**504**	**119**	**1,291**	**424**	**2,914**	**4,073**	**865**	**668**	**1,077**	**1,724**	**117**	**13,776**	**16,935**	**30,711**

* *Excluding the National Capital Region*
† *Including Administration of Extramural Programs Personnel*

TABLE 20. Scientific and Professional Personnel of Federal Establishments Performing S&T Activities, by Department or Agency and by Province and Territories, 1999-2000

Department or Agency	Nfld.	P.E.I.	N.S.	N.B.	Que.*	Ont.*	Man.	Sask.	Alta.	B.C.	Yukon, N.W.T., & Nvt.	Sub-Total	NCR	Total
							person-years[1]							
AGR	7	20	11	23	120	99	82	89	95	56	-	602	178	780
AECL	-	-	-	-	-	542	30	-	-	-	-	572	4	576
CCRA	2	-	-	-	9	6	9	-	-	4	-	30	102	132
CMHC	-	-	3	--	7	10	-	--	5	7	-	32	56	88
CSTM	-	-	-	-	-	-	-	-	-	-	-	-	9	9
CFIA	3	3	13	3	17	7	3	15	11	16	-	91	51	142
CMC	-	-	-	-	-	-	-	-	-	-	-	-	80	80
CMN	-	-	-	-	-	-	-	-	-	-	-	-	93	93
CSA	-	-	-	-	153	-	-	-	-	-	-	153	22	175
ENV	28	2	128	49	204	421	82	66	78	143	26	1,227	238	1,465
F&O	113	9	172	52	95	61	54	-	-	227	8	791	80	871
FIN	-	-	-	-	-	-	-	-	-	-	-	-	207	207
HC	1	-	16	2	84	469	24	2	1	52	-	651	472	1,123
HRDC	-	-	-	-	-	-	-	-	-	-	-	-	316	316
IND	-	-	-	-	-	-	-	-	-	-	-	-	345	345
NA	-	-	-	-	-	-	-	-	-	-	-	-	103	103
NDEF	-	-	103	-	151	112	-	-	60	-	-	426	345	771
NGC	-	-	-	-	-	-	-	-	-	-	-	-	39	39
NL	-	-	-	-	-	-	-	-	-	-	-	-	177	177
NRC	44	1	30	3	188	29	50	50	20	71	-	486	762	1,248
NRCan	16	-	48	49	163	172	-	1	138	130	1	718	748	1,466
PCA	8	4	24	5	20	11	12	7	31	19	10	151	26	177
STC	-	-	-	-	-	-	-	-	-	-	-	-	1,234	1,234
Other	-	-	-	-	20	4	-	1	12	-	-	37	488	525
TOTAL	**222**	**39**	**548**	**186**	**1,231**	**1,943**	**346**	**231**	**451**	**725**	**45**	**5,967**	**6,175**	**12,142**

* *Excluding the National Capital Region*
† *Including Administration of Extramural Programs Personnel*

TABLE 21. Personnel of Federal Establishments Performing R&D Activities, by Department or Agency and by Province and Territories, 1999-2000

Department or Agency	Nfld.	P.E.I.	N.S.	N.B.	Que.*	Ont.*	Man.	Sask.	Alta.	B.C.	Yukon, N.W.T., & Nvt.	Sub-Total	NCR	Total
							person-years[1]							
AGR	23	68	38	79	406	334	214	288	322	191	-	1,963	447	2,410
AECL	-	-	-	-	-	1,090	70	-	-	-	-	1,160	10	1,170
CSA	-	-	-	-	321	-	-	-	-	-	-	321	17	338
ENV	2	-	10	4	152	381	16	49	14	71	-	699	131	830
F&O	111	9	170	51	94	64	55	-	-	229	9	792	61	853
HC	-	-	-	-	3	299	-	-	-	5	-	307	208	515
IND	-	-	-	-	-	-	-	-	-	-	-	-	401	401
IDRC	-	-	-	-	-	-	-	-	-	-	-	-	144	144
NDEF	-	-	240	-	361	226	-	-	151	-	-	978	313	1,291
NRC	57	-	63	-	335	30	75	123	-	111	-	794	2,014	2,808
NRCan	22	-	87	109	211	219	-	1	239	185	4	1,077	1,229	2,306
NSERC	-	-	-	-	-	-	-	-	-	-	-	-	207	207
STC	-	-	-	-	-	-	-	-	-	-	-	-	158	158
Other	-	13	1	7	41	-	6	27	5	5	-	105	544	649
TOTAL	**215**	**90**	**609**	**250**	**1,924**	**2,643**	**436**	**488**	**731**	**797**	**13**	**8,196**	**5,884**	**14,080**

* *Excluding the National Capital Region*
† *Including Administration of Extramural Programs Personnel*

TABLE 22. Scientific and Professional Personnel of Federal Establishments Performing R&D Activities, by Department or Agency and by Province and Territories, 1999-2000

Department or Agency	Nfld.	P.E.I.	N.S.	N.B.	Que.*	Ont.*	Man.	Sask.	Alta.	B.C.	Yukon, N.W.T., & Nvt.	Sub-Total	NCR	Total
							person-years[1]							
AGR	7	20	11	23	120	99	65	89	95	56	-	585	130	715
AECL	-	-	-	-	-	542	30	-	-	-	-	572	4	576
CSA	-	-	-	-	135	-	-	-	-	-	-	135	17	152
ENV	2	-	10	4	82	220	16	36	13	33	-	416	83	499
F&O	42	3	65	19	36	24	21	-	-	88	3	301	24	325
HC	-	-	-	-	2	139	-	-	-	3	-	144	90	234
IND	-	-	-	-	-	-	-	-	-	-	-	-	162	162
NDEF	-	-	103	-	151	112	-	-	60	-	-	426	192	618
NRC	24	-	22	-	156	-	40	44	-	51	-	337	687	1,024
NRCan	16	-	48	49	134	120	-	1	134	123	1	626	658	1,284
NSERC	-	-	-	-	-	-	-	-	-	-	-	-	11	11
STC	-	-	-	-	-	-	-	-	-	-	-	-	101	101
Other	-	3	1	-	21	-	2	10	3	2	-	42	275	317
TOTAL	**91**	**26**	**260**	**95**	**837**	**1,256**	**174**	**180**	**305**	**356**	**4**	**3,584**	**2,434**	**6,018**

* *Excluding the National Capital Region*
† *Including Administration of Extramural Programs Personnel*

TABLE 23. Staff and Expenditures of Scientific Establishments, by the Department or Agency and by Province and Territories, 1999-2000

Department or Agency / Province	Natural Sciences				Social Sciences			
	Staff		Intramural expenditures		Staff		Intramural expenditures	
	R&D	Total	R&D	Total	R&D	Total	R&D	Total
	person-years		millions of dollars		person-years		millions of dollars	
AGR								
Nfld.	23	23	3	3	-	-	-	-
P.E.I.	68	68	10	10	-	-	-	-
N.S.	38	38	6	6	-	-	-	-
N.B	79	79	12	12	-	-	-	-
Quebec*	406	408	60	60	-	-	-	-
Ontario*	334	336	49	49	-	-	-	-
Manitoba	214	265	30	37	-	-	-	-
Saskatchewan	288	294	41	41	-	-	-	-
Alberta	322	323	47	47	-	-	-	-
B.C.	191	192	27	27	-	-	-	-
NCR (Ontario)	447	451	66	67	-	69	-	7
AGR - TOTAL	**2,410**	**2,477**	**351**	**359**	**-**	**69**	**-**	**7**
ACOA								
N.B.	7	7	--	--	-	-	-	-
AECL								
Ontario*	1,090	1,090	112	112	-	-	-	-
Manitoba	70	70	9	9	-	-	-	-
NCR (Ontario)	10	10	2	2	-	-	-	-
AECL - TOTAL	**1,170**	**1,170**	**123**	**123**	**-**	**-**	**-**	**-**
BC								
Quebec*	-	-	-	-	-	6	-	1
Ontario*	-	-	-	-	-	9	-	1
B.C.	-	-	-	-	-	-	-	--
NCR (Ontario)	-	-	-	-	64	191	13	38
BC - TOTAL	**-**	**-**	**-**	**-**	**64**	**206**	**13**	**41**
CCRA								
Nfld.	-	-	-	-	-	2	-	--
Quebec*	-	-	-	-	-	9	-	--
Ontario*	-	-	-	-	-	6	-	--
Manitoba	-	-	-	-	-	9	-	--
B.C.	-	-	-	-	-	4	-	--
NCR (Ontario)	-	-	-	-	-	102	-	8
CCRA - TOTAL	**-**	**-**	**-**	**-**	**-**	**132**	**-**	**9**
CED(QUE)								
Quebec*	18	18	3	3	-	-	-	-
CFI								
NCR (Ontario)	19	19	4	4	-	-	-	-
CMHC								
Nfld.	-	-	-	-	-	-	-	-
P.E.I.	-	-	-	-	-	-	-	-
N.S.	-	1	-	--	-	3	-	--
N.B.	-	--	-	--	-	--	-	--
Quebec*	-	2	-	--	-	8	-	1
Ontario*	-	3	-	--	-	11	-	1
Manitoba	-	-	-	-	-	-	-	-
Saskatchewan	-	-	-	--	-	--	-	--
Alberta	-	1	-	--	-	5	-	1
B.C.	-	2	-	--	-	8	-	1
Yk., N.W.T. & Nvt.	-	-	-	-	-	-	-	-
NCR (Quebec)	-	-	-	-	-	-	-	-
NCR (Ontario)	15	23	3	5	19	52	4	12
CMHC - TOTAL	**15**	**32**	**3**	**6**	**19**	**87**	**4**	**17**

TABLE 23. Staff and Expenditures of Scientific Establishments, by the Department or Agency and by Province and Territories, 1999-2000 - Continued

Department or Agency / Province	Natural Sciences				Social Sciences			
	Staff		Intramural expenditures		Staff		Intramural expenditures	
	R&D	Total	R&D	Total	R&D	Total	R&D	Total
	person-years		millions of dollars		person-years		millions of dollars	
CSTM								
NCR (Ontario)	-	-	-	-	-	244	-	24
CCMD								
NCR (Ontario)	-	-	-	-	-	6	-	1
CFIA								
Nfld.	-	14	-	1	-	-	-	-
P.E.I.	12	12	1	1	-	-	-	-
N.S.	1	30	--	2	-	-	-	-
N.B.	-	10	-	1	-	-	-	-
Quebec*	7	46	1	2	-	-	-	-
Ontario	-	15	-	1	-	-	-	-
Manitoba	5	8	--	1	-	-	-	-
Saskatchewan	26	59	2	3	-	-	-	-
Alberta	2	41	--	5	-	-	-	-
B.C.	4	31	1	3	-	-	-	-
NCR (Ontario)	44	139	5	12	-	-	-	-
CFIA - TOTAL	**101**	**405**	**10**	**32**	-	-	-	-
CHRC								
NCR (Ontario)	-	-	-	-	-	8	-	1
CIHR								
NCR (Ontario)	88	91	15	15	-	-	-	-
CIDA								
NCR (Quebec)	18	133	1	11	6	78	1	6
CMC								
NCR (Quebec)	-	-	-	-	52	400	5	49
NCR (Ontario)	-	-	-	-	1	37	--	6
CMC - TOTAL	-	-	-	-	**53**	**437**	**5**	**55**
CMN								
NCR (Quebec)	25	123	2	18	-	-	-	-
NCR (Ontario)	1	31	--	5	-	-	-	-
CMN - TOTAL	**26**	**154**	**2**	**23**	-	-	-	-
CNSC								
NCR (Ontario)	3	8	--	1	-	-	-	-
CSA								
Quebec*	321	327	42	42	-	-	-	-
NCR (Ontario)	17	50	9	13	-	-	-	-
CSA - TOTAL	**338**	**377**	**51**	**55**	-	-	-	-
C&I								
NCR (Ontario)	-	-	-	-	-	° 20	-	2

TABLE 23. Staff and Expenditures of Scientific Establishments, by the Department or Agency and by Province and Territories, 1999-2000 - Continued

Department or Agency / Province	Natural Sciences				Social Sciences			
	Staff		Intramural expenditures		Staff		Intramural expenditures	
	R&D	Total	R&D	Total	R&D	Total	R&D	Total
	person-years		millions of dollars		person-years		millions of dollars	
COL								
NCR (Ontario)	-	-	-	-	-	8	-	1
ENV								
Nfld.	2	36	1	3	-	-	-	-
P.E.I.	-	3	--	--	-	-	-	-
N.S.	10	166	3	14	-	-	-	-
N.B.	4	65	1	5	-	-	-	-
Quebec*	148	447	15	71	4	12	--	2
Ontario*	381	944	57	149	-	-	-	-
Manitoba	16	168	3	24	-	-	-	-
Saskatchewan	49	135	5	19	-	-	-	-
Alberta	14	159	2	20	-	-	-	-
B.C.	71	349	8	40	-	-	-	-
Yk., N.W.T. & Nvt.	-	53	--	4	-	-	-	-
NCR (Quebec)	120	306	19	39	-	3	-	--
NCR (Ontario)	11	145	--	26	-	10	-	1
ENV - TOTAL	**826**	**2,976**	**114**	**414**	**4**	**25**	**--**	**4**
FIN								
NCR (Ontario)	-	-	-	-	-	267	-	26
F&O								
Nfld.	111	277	14	35	-	28	-	1
P.E.I.	9	21	1	3	-	6	-	--
N.S.	170	426	21	54	-	20	-	1
N.B.	51	128	6	16	-	10	-	1
Quebec*	94	234	12	30	-	16	-	1
Ontario*	64	160	8	20	-	2	-	--
Manitoba	55	138	7	17	-	2	-	--
B.C..	229	576	29	72	-	12	-	1
Yk., N.W.T. & Nvt.	9	21	1	3	-	-	-	-
NCR (Ontario)	60	149	8	19	1	31	--	2
F&O - TOTAL	**852**	**2,130**	**107**	**269**	**1**	**127**	**--**	**8**
FA & IT								
NCR (Ontario)	-	-	-	-	-	74	-	11
HC								
Nfld.	-	1	-	--	-	-	-	-
P.E.I.	-	-	-	-	-	-	-	-
N.S.	-	26	-	2	-	-	-	-
N.B.	-	2	-	--	-	-	-	-
Quebec*	3	125	--	7	-	-	-	-
Ontario*	298	764	23	91	1	1	--	--
Manitoba	-	38	-	2	-	-	-	-
Saskatchewan	-	2	-	--	-	-	-	-
Alberta	-	1	-	--	-	-	-	-
B.C.	5	82	--	5	-	-	-	-
NCR (Ontario)	196	853	19	100	12	16	1	2
HC - TOTAL	**502**	**1,894**	**42**	**207**	**13**	**17**	**1**	**2**

TABLE 23. Staff and Expenditures of Scientific Establishments, by the Department or Agency and by Province and Territories, 1999-2000 - Continued

Department or Agency / Province	Natural Sciences				Social Sciences			
	Staff		Intramural expenditures		Staff		Intramural expenditures	
	R&D	Total	R&D	Total	R&D	Total	R&D	Total
	person-years		millions of dollars		person-years		millions of dollars	
HRDC								
NCR (Ontario)	-	-	-	-	-	11	-	1
NCR (Quebec)	-	-	-	-	7	417	1	24
HRDC - TOTAL	-	-	-	-	**7**	**428**	**1**	**25**
IAND								
Yk., N.W.T. & Nvt.	-	-	-	-	-	-	-	-
NCR (Quebec)	-	6	-	1	-	-	-	-
IAND - TOTAL	-	**6**	-	**1**	-	-	-	-
IND								
Quebec*	-	-	-	-	-	-	-	-
NCR (Quebec)	-	412	-	44	-	-	-	-
NCR (Ontario)	401	401	39	39	-	174	-	17
IND - TOTAL	**401**	**813**	**39**	**83**	-	**174**	-	**17**
IDRC								
NCR (Ontario)	38	44	10	12	105	132	28	37
JUS								
NCR (Ontario)	-	-	-	-	-	37	-	6
NA								
NCR (Quebec)	-	-	-	-	-	98	-	7
NCR (Ontario)	-	-	-	-	-	282	-	26
NA - Total	-	-	-	-	-	**380**	-	**33**
NDEF								
N.S.	240	240	23	24	-	-	-	-
N.B.	-	-	-	-	-	-	-	-
Quebec*	361	372	48	49	-	-	-	-
Ontario*	226	226	33	33	-	-	-	-
Manitoba	-	-	-	-	-	-	-	-
Alberta	151	152	24	24	-	-	-	-
B.C.	-	3	-	1	-	-	-	-
NCR (Quebec)	11	11	2	2	-	-	-	-
NCR (Ontario)	287	398	40	49	15	159	2	12
NDEF - TOTAL	**1,275**	**1,402**	**170**	**182**	**15**	**159**	**2**	**12**
NEB								
Alberta	-	5	-	--	-	7	-	--
NFB								
Quebec*	2	2	1	1	-	-	-	-

TABLE 23. Staff and Expenditures of Scientific Establishments, by the Department or Agency and by Province and Territories, 1999-2000 - Continued

Department or Agency / Province	Natural Sciences				Social Sciences			
	Staff		Intramural expenditures		Staff		Intramural expenditures	
	R&D	Total	R&D	Total	R&D	Total	R&D	Total
	person-years		millions of dollars		person-years		millions of dollars	
NGC								
NCR (Ontario)	-	-	-	-	47	250	8	42
NL								
NCR (Quebec)	-	-	-	-	-	258	-	25
NCR (Ontario)	-	-	-	-	-	173	-	17
NL - TOTAL	-	-	-	-	-	**431**	-	**42**
NRC								
Nfld.	57	78	5	8	-	-	-	-
P.E.I.	-	1	-	--	-	-	-	-
N.S.	63	89	9	12	-	-	-	-
N.B.	-	3	-	--	-	-	-	-
Quebec*	335	440	39	52	-	-	-	-
Ontario*	30	70	8	13	-	-	-	-
Manitoba	75	101	8	11	-	-	-	-
Saskatchewan	123	144	12	14	-	-	-	-
Alberta	-	20	-	1	-	-	-	-
B.C.	111	163	16	22	-	-	-	-
NCR (Ontario)	2,014	2,201	291	321	-	-	-	-
NRC - TOTAL	**2,808**	**3,310**	**388**	**454**	-	-	-	-
NRCan								
Nfld.	22	22	2	2	-	-	-	-
P.E.I.	-	-	-	-	-	-	-	-
N.S.	87	87	10	10	-	-	-	-
N.B.	109	109	12	12	-	-	-	-
Quebec*	211	283	25	32	-	-	-	-
Ontario*	219	317	32	40	-	-	-	-
Manitoba	-	-	--	--	-	-	-	-
Saskatchewan	1	3	--	1	-	-	-	-
Alberta	239	255	34	35	-	-	-	-
B.C.	185	206	26	27	-	-	-	-
Yk., N.W.T. & Nvt.	4	4	6	6	-	-	-	-
NCR (Quebec)	-	-	-	-	-	-	-	-
NCR (Ontario)	1,229	1,521	160	179	-	-	-	-
NRCan - TOTAL	**2,306**	**2,807**	**307**	**344**	-	-	-	-
NSERC								
NCR (Ontario)	207	230	22	25	-	-	-	-
PCA								
Nfld.	-	9	-	1	-	14	-	2
P.E.I.	-	5	-	--	-	2	-	--
N.S.	-	10	-	1	-	98	-	12
N.B.	-	8	-	1	-	3	-	--
Quebec*	-	11	-	1	-	70	-	9
Ontario*	-	12	-	1	-	23	-	3
Manitoba	-	8	-	1	-	41	-	5
Saskatchewan	-	6	-	--	-	19	-	3
Alberta	-	53	-	4	-	2	-	--
B.C.	-	25	-	2	-	20	-	3
Yk., N.W.T. & Nvt.	-	8	-	--	-	31	-	4
NCR (Ontario)	-	-	-	-	-	-	-	-
NCR (Quebec)	-	14	-	1	-	95	-	12
PCA - TOTAL	-	**169**	-	**12**	-	**418**	-	**53**

TABLE 23. Staff and Expenditures of Scientific Establishments, by the Department or Agency and by Province and Territories, 1999-2000 - Concluded

Department or Agency / Province	Natural Sciences				Social Sciences			
	Staff		Intramural expenditures		Staff		Intramural expenditures	
	R&D	Total	R&D	Total	R&D	Total	R&D	Total
	person-years		millions of dollars		person-years		millions of dollars	
PC								
NCR (Ontario)	-	-	-	-	-	2	-	--
PSC								
NCR (Ontario)	-	-	-	-	-	80	-	7
PW&GS								
NCR (Quebec)	22	40	4	5	-	-	-	-
RCMP								
N.S.	1	1	--	--	-	-	-	-
Alberta	1	1	--	--	-	-	-	-
NCR (Ontario)	5	7	1	1	-	-	-	-
RCMP TOTAL	7	9	1	1	-	-	-	-
SSHRC								
NCR (Ontario)	-	-	-	-	63	123	7	12
SGEN								
NCR (Ontario)	-	-	-	-	28	35	2	3
STC								
Nfld.	-	-	-	-	-	-	-	-
N.S.	-	-	-	-	-	57	-	5
Quebec*	-	-	-	-	-	60	-	5
Ontario*	-	-	-	-	-	85	-	8
Manitoba	-	-	-	-	-	15	-	1
Saskatchewan	-	-	-	-	-	4	-	--
Alberta	-	-	-	-	-	50	-	4
B.C.	-	-	-	-	-	49	-	4
NCR (Ontario)	-	-	-	-	158	4,776	13	433
STC - TOTAL	-	-	-	-	158	5,096	13	460
TPT								
Quebec*	14	18	4	4	-	-	-	-
Ontario*	-	-	-	-	-	-	-	-
B.C.	-	-	-	-	-	-	-	-
NCR (Ontario)	19	21	2	2	-	6	-	--
NCR (Quebec)	-	-	-	-	-	-	-	-
TPT- TOTAL	33	39	6	6	-	6	-	--
TB								
NCR (Ontario)	-	-	-	-	-	375	-	44
WEDO								
Manitoba	1	2	--	--	-	-	-	-
Saskatchewan	1	1	--	--	-	-	-	-
Alberta	2	2	--	--	-	-	-	-
B.C.	1	1	--	--	-	-	-	-
WEDO - TOTAL	5	6	--	--	-	-	-	-
TOTAL	13,497	20,773	1,774	2,648	583	9,938	85	1,010

* *Excluding National Capital Region*

TABLE 24. Staff and Expenditures of Scientific Establishments, by Province and Territories and by Department or Agency, 1999-2000

Province / Department or Agency	Natural Sciences				Social Sciences			
	Staff		Intramural expenditures		Staff		Intramural expenditures	
	R&D	Total	R&D	Total	R&D	Total	R&D	Total
	person-years		millions of dollars		person-years		millions of dollars	
Newfoundland :								
AGR	23	23	3	3	-	-	-	-
CCRA	-	-	-	-	-	2	-	--
CFIA	-	14	-	1	-	-	-	-
ENV	2	36	1	3	-	-	-	-
F&O	111	277	14	35	-	28	-	1
HC	-	1	-	--	-	-	-	-
NRC	57	78	5	8	-	-	-	-
NRCan	22	22	2	2	-	-	-	-
PCA	-	9	-	1	-	14	-	2
TOTAL	**215**	**460**	**25**	**53**	**-**	**44**	**-**	**3**
Prince Edward Island :								
AGR	68	68	10	10	-	-	-	-
CFIA	12	12	1	1	-	-	-	-
ENV	-	3	--	--	-	-	-	-
F&O	9	21	1	3	-	6	-	--
HC	-	-	-	-	-	-	-	-
NRC	-	1	-	--	-	-	-	-
PCA	-	5	-	--	-	2	-	--
TOTAL	**89**	**110**	**12**	**14**	**-**	**8**	**-**	**1**
Nova Scotia :								
AGR	38	38	6	6	-	-	-	-
CMHC	-	1	-	--	-	3	-	--
CFIA	1	30	--	2	-	-	-	-
ENV	10	166	3	14	-	-	-	-
F&O	170	426	21	54	-	20	-	1
HC	-	26	-	2	-	-	-	-
NDEF	240	240	23	24	-	-	-	-
NRC	63	89	9	12	-	-	-	-
NRCan	87	87	10	10	-	-	-	-
PCA	-	10	-	1	-	98	-	12
STC	-	-	-	-	-	57	-	5
RCMP	1	1	--	--	-	-	-	-
TOTAL	**610**	**1,114**	**72**	**123**	**-**	**178**	**-**	**19**
New Brunswick :								
AGR	79	79	12	12	-	-	-	-
ACOA	7	7	--	--	-	-	-	-
CMHC	-	--	-	--	-	--	-	--
CFIA	-	10	-	1	-	-	-	-
ENV	4	65	1	5	-	-	-	-
F&O	51	128	6	16	-	10	-	1
HC	-	2	-	--	-	-	-	-
NDEF	-	-	-	-	-	-	-	-
NRC	-	3	-	--	-	-	-	-
NRCan	109	109	12	12	-	-	-	-
PCA	-	8	-	1	-	3	-	--
TOTAL	**250**	**411**	**32**	**47**	**-**	**13**	**-**	**1**

TABLE 24. Staff and Expenditures of Scientific Establishments, by Province and Territories and by Department or Agency, 1999-2000 - Continued

Province / Department or Agency	Natural Sciences				Social Sciences			
	Staff		Intramural expenditures		Staff		Intramural expenditures	
	R&D	Total	R&D	Total	R&D	Total	R&D	Total
	person-years		millions of dollars		person-years		millions of dollars	
Quebec*								
AGR	406	408	60	60	-	-	-	-
BC	-	-	-	-	-	6	-	1
CCRA	-	-	-	-	-	9	-	--
CED(QUE)	18	18	3	3	-	-	-	-
CMHC	-	2	-	--	-	8	-	1
CFIA	7	46	1	2	-	-	-	-
CIDA	-	-	-	-	-	-	-	-
CSA	321	327	42	42	-	-	-	-
ENV	148	447	15	71	4	12	--	2
F&O	94	234	12	30	-	16	-	1
HC	3	125	--	7	-	-	-	-
IND	-	-	-	-	-	-	-	-
NDEF	361	372	48	49	-	-	-	-
NFB	2	2	1	1	-	-	-	-
NRC	335	440	39	52	-	-	-	-
NRCan	211	283	25	32	-	-	-	-
PCA	-	11	-	1	-	70	-	9
STC	-	-	-	-	-	60	-	5
TPT	14	18	4	4	-	-	-	-
TOTAL	**1,920**	**2,733**	**249**	**353**	**4**	**181**	**--**	**20**
Ontario*								
AGR	334	336	49	49	-	-	-	-
AECL	1,090	1,090	112	112	-	-	-	-
BC	-	-	-	-	-	9	-	1
CCRA	-	-	-	-	-	6	-	--
CMHC	-	3	-	--	-	11	-	1
CFIA	-	15	-	1	-	-	-	-
ENV	381	944	57	149	-	-	-	-
F&O	64	160	8	20	-	2	-	--
HC	298	764	23	91	1	1	--	--
NDEF	226	226	33	33	-	-	-	-
NRC	30	70	8	13	-	-	-	-
NRCan	219	317	32	40	-	-	-	-
PCA	-	12	-	1	-	23	-	3
RCMP	-	-	-	-	-	-	-	-
STC	-	-	-	-	-	85	-	8
TOTAL	**2,642**	**3,937**	**322**	**509**	**1**	**137**	**--**	**14**

TABLE 24. Staff and Expenditures of Scientific Establishments, by Province and Territories and by Department or Agency, 1999-2000 - Continued

Province / Department or Agency	Natural Sciences				Social Sciences			
	Staff		Intramural expenditures		Staff		Intramural expenditures	
	R&D	Total	R&D	Total	R&D	Total	R&D	Total
	person-years		millions of dollars		person-years		millions of dollars	
Manitoba:								
AGR	214	265	30	37	-	-	-	-
AECL	70	70	9	9	-	-	-	-
CCRA	-	-	-	-	-	9	-	--
CFIA	5	8	--	1	-	-	-	-
ENV	16	168	3	24	-	-	-	-
F&O	55	138	7	17	-	2	-	--
HC	-	38	-	2	-	-	-	-
NDEF	-	-	-	-	-	-	-	-
NRC	75	101	8	11	-	-	-	-
PCA	-	8	-	1	-	41	-	5
STC	-	-	-	-	-	15	-	1
WEDO	1	2	--	--	-	-	-	-
TOTAL	**436**	**798**	**58**	**103**	**-**	**67**	**-**	**7**
Saskatchewan:								
AGR	288	294	41	41	-	-	-	-
CMHC	-	-	-	--	-	--	-	--
CFIA	26	59	2	3	-	-	-	-
ENV	49	135	5	19	-	-	-	-
HC	-	2	-	--	-	-	-	-
NRC	123	144	12	14	-	-	-	-
NRCan	1	3	--	1	-	-	-	-
PCA	-	6	-	--	-	19	-	3
STC	-	-	-	-	-	4	-	--
WEDO	1	1	--	--	-	-	-	-
TOTAL	**488**	**644**	**60**	**79**	**-**	**23**	**-**	**3**
Alberta:								
AGR	322	323	47	47	-	-	-	-
CMHC	-	1	-	--	-	5	-	1
CFIA	2	41	--	5	-	-	-	-
ENV	14	159	2	20	-	-	-	-
HC	-	1	-	--	-	-	-	-
NDEF	151	152	24	24	-	-	-	-
NEB	-	5	-	--	-	7	-	--
NRC	-	20	-	1	-	-	-	-
NRCan	239	255	34	35	-	-	-	-
PCA	-	53	-	4	-	2	-	--
RCMP	1	1	--	--	-	-	-	-
STC	-	-	-	-	-	50	-	4
WEDO	2	2	--	--	-	-	-	-
TOTAL	**731**	**1,013**	**108**	**137**	**-**	**64**	**-**	**5**

TABLE 24. Staff and Expenditures of Scientific Establishments, by Province and Territories and by Department or Agency, 1999-2000 - Continued

Province / Department or Agency	Natural Sciences				Social Sciences			
	Staff		Intramural expenditures		Staff		Intramural expenditures	
	R&D	Total	R&D	Total	R&D	Total	R&D	Total
	person-years		millions of dollars		person-years		millions of dollars	
British Columbia:								
AGR	191	192	27	27	-	-	-	-
BC	-	-	-	-	-	-	-	--
CCRA	-	-	-	-	-	4	-	--
CMHC	-	2	-	--	-	8	-	1
CFIA	4	31	1	3	-	-	-	-
ENV	71	349	8	40	-	-	-	-
F&O	229	576	29	72	-	12	-	1
HC	5	82	--	5	-	-	-	-
NDEF	-	3	-	1	-	-	-	-
NRC	111	163	16	22	-	-	-	-
NRCan	185	206	26	27	-	-	-	-
PCA	-	25	-	2	-	20	-	3
STC	-	-	-	-	-	49	-	4
TPT	-	-	-	-	-	-	-	-
WEDO	1	1	--	--	-	-	-	-
TOTAL	**797**	**1,630**	**106**	**200**	-	**93**	-	**10**
Yukon, Northwest Territories, and Nunavut:								
CMHC	-	-	-	-	-	-	-	-
ENV	-	53	--	4	-	-	-	-
F&O	9	21	1	3	-	-	-	-
IAND	-	-	-	-	-	-	-	-
NRCan	4	4	6	6	-	-	-	-
PCA	-	8	-	--	-	31	-	4
TOTAL	**13**	**86**	**7**	**13**	-	**31**	-	**4**

TABLE 24. Staff and Expenditures of Scientific Establishments, by Province and Territories and by Department or Agency, 1999-2000 - Concluded

Province / Department or Agency	Natural Sciences				Social Sciences			
	Staff		Intramural expenditures		Staff		Intramural expenditures	
	R&D	Total	R&D	Total	R&D	Total	R&D	Total
	person-years		millions of dollars		person-years		millions of dollars	
National Capital Region :								
AGR	447	451	66	67	-	69	-	7
AECL	10	10	2	2	-	-	-	-
BC	-	-	-	-	64	191	13	38
CCRA	-	-	-	-	-	102	-	8
CFI	19	19	4	4	-	-	-	-
CMHC	15	23	3	5	19	52	4	12
CSTM	-	-	-	-	-	244	-	24
CCMD	-	-	-	-	-	6	-	1
CFIA	44	139	5	12	-	-	-	-
CHRC	-	-	-	-	-	8	-	1
CIHR	88	91	15	15	-	-	-	-
CIDA	18	133	1	11	6	78	1	6
CMC	-	-	-	-	53	437	5	55
CMN	26	154	2	23	-	-	-	-
CNSC	3	8	--	1	-	-	-	-
CSA	17	50	9	13	-	-	-	-
C&I	-	-	-	-	-	20	-	2
COL	-	-	-	-	-	8	-	1
ENV	131	451	19	65	-	13	-	1
FIN	-	-	-	-	-	267	-	26
F&O	60	149	8	19	1	31	--	2
FA&IT	-	-	-	-	-	74	-	11
HC	196	853	19	100	12	16	1	2
HRDC	-	-	-	-	7	428	1	25
IAND	-	6	-	1	-	-	-	-
IND	401	813	39	83	-	174	-	17
IDRC	38	44	10	12	105	132	28	37
JUS	-	-	-	-	-	37	-	6
NA	-	-	-	-	-	380	-	33
NDEF	298	409	42	51	15	159	2	12
NGC	-	-	-	-	47	250	8	42
NL	-	-	-	-	-	431	-	42
NRC	2,014	2,201	291	321	-	-	-	-
NRCan	1,229	1,521	160	179	-	-	-	-
NSERC	207	230	22	25	-	-	-	-
PCA	-	14	-	1	-	95	-	12
PC	-	-	-	-	-	2	-	--
PSC	-	-	-	-	-	80	-	7
PW&GS	22	40	4	5	-	-	-	-
RCMP	5	7	1	1	-	-	-	-
SSHRC	-	-	-	-	63	123	7	12
SGEN	-	-	-	-	28	35	2	3
STC	-	-	-	-	158	4,776	13	433
TPT	19	21	2	2	-	6	-	--
TB	-	-	-	-	-	375	-	44
TOTAL	**5,307**	**7,837**	**723**	**1,017**	**578**	**9,099**	**85**	**923**

* *Excluding National Capital Region*

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